



IPN

Patent
Attorney's Docket No. H1102C

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)
Shibly S. Ahmed et al.) Group Art Unit: 1756
Application No.: 10/720,166) Examiner: Unassigned
Filed: November 25, 2003)
For: DOUBLE GATE)
SEMICONDUCTOR DEVICE)
HAVING A METAL GATE)

INFORMATION DISCLOSURE STATEMENT
TRANSMITTAL LETTER

U.S. Patent and Trademark Office
2011 South Clark Place
Customer Window, Mail Stop Amendment
Crystal Plaza Two, Lobby, Room 1B03
Arlington, Virginia 22202

Sir:

Enclosed is an Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

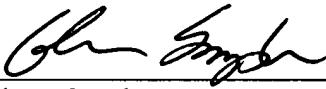
- No additional fee for submission of the IDS is required.
- The fee of \$180.00 as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- A certification under 37 C.F.R. § 1.97(e) is also enclosed.
- Charge \$ _____ to Deposit Account No. 50-1070 for the fee due.
- A check in the amount of \$ _____ is enclosed for the fee due.

Information Disclosure Statement Transmittal Letter
Application Serial No. 10/720,166
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Page 2

The Commissioner is hereby authorized to charge any other appropriate fees that may be required by this paper that are not accounted for above, and to credit any overpayment, to Deposit Account No. 50-1070.

Respectfully submitted,

HARRITY & SNYDER, L.L.P.

By: 
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CUSTOMER NUMBER: 26615

Date: May 26, 2004



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Shibly S. Ahmed et al.) Group Art Unit: 1756
Application No.: 10/720,166) Examiner: Unassigned
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Title: DOUBLE GATE)
SEMICONDUCTOR DEVICE)
HAVING A METAL GATE)

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)

U.S. Patent and Trademark Office
2011 South Clark Place
Customer Window, Mail Stop Amendment
Crystal Plaza Two, Lobby, Room 1B03
Arlington, Virginia 22202

Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicant(s) bring to the attention of the Examiner the documents listed on the attached PTO 1449. This Information Disclosure Statement is being filed before the mailing date of a first Office Action in the above-referenced application. As such, no certification or fee is required. Copies of the listed documents that are not U.S. patents or U.S. patent publications are attached.

Applicant(s) respectfully request(s) that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

Information Disclosure Statement Under 37 C.F.R. § 1.97(b)
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If any copending application(s) is/are cited on the attached PTO 1449, the Examiner's attention is directed to the foregoing application(s) in compliance with § 2001.06(b) of the Manual of Patent Examining Procedure. By identifying the copending application(s), the assignee and/or applicant of the application(s) do not waive confidentiality of the application(s). Accordingly, the U.S. Patent and Trademark Office is requested to maintain the confidentiality of the copending application(s) under 35 U.S.C. § 122.

This submission does not represent that a search has been made and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and Applicant(s) determine(s) that the cited document(s) do not constitute "prior art" under United States law, Applicant(s) reserve(s) the right to present to the Office the relevant facts and law regarding the appropriate status of such documents.

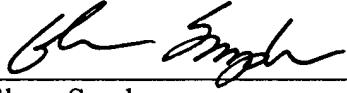
Applicant(s) further reserve(s) the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

Information Disclosure Statement Under 37 C.F.R. § 1.97(b)
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If there is any fee due in connection with the filing of this Statement, please charge the
fee to our Deposit Account No. 50-1070.

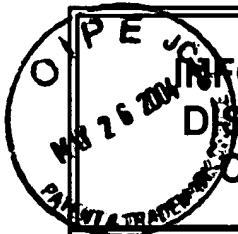
Respectfully submitted,

HARRITY & SNYDER, L.L.P.

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CUSTOMER NUMBER: 26615

Date: May 26, 2004



**INFORMATION
DISCLOSURE
CITATION**
PTO-1449

**CUSTOMER
NUMBER**
26615

ATTORNEY's DKT No.
H1102C

APPLICATION NO.
10/720,166

APPLICANT(S)
Shibly S. Ahmed et al.

FILING DATE
November 25, 2003

GROUP
1756

U.S. PATENT DOCUMENTS

| EXAMINER'S INITIALS | PATENT NO. | DATE | NAME | CLASS | SUBCLASS | FILING DATE |
|---------------------|------------|----------|-------------------|-------|----------|-------------|
| | 6,396,108 | 05/28/02 | Krivokapic et al. | 257 | 365 | |
| | 5,801,397 | 09/01/98 | Cunningham | 257 | 66 | |
| | 6,686,231 | 02/03/04 | Ahmed et al. | 438 | 164 | |
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FOREIGN PATENT DOCUMENTS

| EXAMINER'S INITIALS | PATENT NO. | DATE | COUNTRY | CLASS | SUBCLASS | Translation | |
|---------------------|------------|------|---------|-------|----------|-------------|----|
| | | | | | | Yes | No |
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

- ✓ Stephen H. Tang et al., "Comparison of Short-Channel Effect and Offstate Leakage in Symmetric vs. Asymmetric Double Gate MOSFETs", IEEE International SOI Conference, October 2000, pp. 120-121
- United States Patent Application Publication No. US2002/0153587; publication date October 24, 2002; Adkisson et al.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).